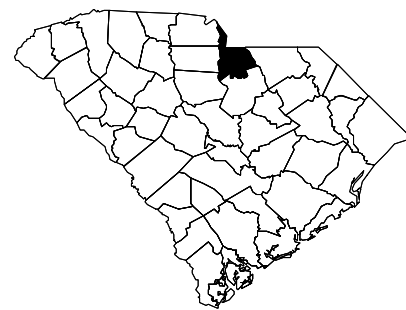


IMPACT OF CHRONIC CONDITIONS LANCASTER

County, 2002



In the year 2002, the leading causes of death among South Carolinians were heart disease, cancer, stroke, chronic lower respiratory disease, diabetes, Alzheimer's disease, pneumonia and influenza, nephritis, nephros, nephrosis and septicemia. This report focuses on the chronic conditions of the population of Lancaster county, and is compared to the overall chronic conditions of the population of South Carolina as a whole.

The distribution of Lancaster county's population is similar to the state population. The majority (39%) of the population in Lancaster county are between the ages of 18-44. There are slightly more females (51%) than males (49%). Lancaster county has a slightly lower minority population (28%) than the state (32%). When adults in Lancaster county were asked about their general health status, 80.9% reported having excellent, very good, or good health in 2002 (SC was 83%).

	LANCASTER COUNTY	STATE
Population size	62,220	4,100,000
Age distribution (%)		
<18	24	22
18-44	39	34
45-64	25	28
65-84	11	15
85+	1	2
Race (%)		
White	72	68
Black & Other	28	32
Sex (%)		
Male	49	48
Female	51	52

In spite of the overall reports of good health given by the citizens of the Palmetto State, chronic condition making an impact on the health of many South Carolinians. Through primary and secondary prevention we reduce the risk factors that contribute to the major chronic diseases and leading causes of death among South Carolinians.

The chart below contains the risk factors that contribute to an increased risk of developing a chronic condition. Some of the risk factors are related to the major causes of morbidity and mortality among South Carolinians. Some of the behavioral risk factors that contribute to the leading causes of death are smoking, sedentary lifestyle, obesity, and high cholesterol. The prevalence of these risk factors from the 2002 South Carolina Behavioral Risk Factor Surveillance System (BRFSS) survey are listed in the table below for Lancaster county.

RISK FACTOR	COUNTY (%)	STATE (%)
Current smoking	24	27
Sedentary lifestyle	41	42
Overweight	59	60
High Cholesterol	9	8

Some preventive measures such as immunization were included in the 2002 SC BRFSS. For persons age 18 and older in South Carolina:

30.6% have not received the flu shot in the past 12 months

35.1% have never had the pneumonia vaccination

Hospital/ED data in the following tables include ONLY those cases treated in SC hospitals. Cases treated outside of SC are NOT included.

HYPERTENSION	County				
	Total	Blacks	Whites	Males	Females
Prevalence (%)	27.3	.	.	.	.
Number of hospitalizations	54	28	26	24	30
Standard rate of hospitalizations (per 100,000)	85	194	51	84	86
Median age of hospitalized patients	58	53	68	58	58
Total cost of hospitalization (\$)	815,100	445,900	369,200	321,600	493,500
Average length of hospital stay (days)	3	4	3	3	4
Number of ED visits	147	74	73	55	92
Standard rate of ED visits (per 100,000)	231	483	148	190	267
Median age of ED patients	53	48	63	53	53
Total cost of ED visits (\$)	153,900	71,400	82,500	50,100	103,800
Number of deaths*	6	3	3	1	5
Standard death rate (per 100,000)*	10	25	6	5	13

HEART DISEASE	County				
	Total	Blacks	Whites	Males	Females
Prevalence (%)	4.39	.	.	.	.
Number of hospitalizations	761	135	626	401	360
Standard rate of hospitalizations (per 100,000)	1,176	1,044	1,221	1,385	1,005
Median age of hospitalized patients	73	73	73	73	78
Total cost of hospitalization (\$)	20,545,400	3,107,300	17,438,100	11,693,200	8,852,200
Average length of hospital stay (days)	3	3	3	3	3
Number of ED visits	66	12	54	44	22
Standard rate of ED visits (per 100,000)	99	87	105	145	63
Median age of ED patients	63	60	63	65	63
Total cost of ED visits (\$)	578,700	67,900	510,800	445,600	133,100
Number of deaths*	187	39	148	95	92
Standard death rate (per 100,000)*	308	353	300	427	239

STROKE	County				
	Total	Blacks	Whites	Males	Females
Prevalence (%)	1.75	.	.	.	.
Number of hospitalizations	197	44	153	87	110
Standard rate of hospitalizations (per 100,000)	311	339	299	322	303
Median age of hospitalized patients	68	65	73	73	55
Total cost of hospitalization (\$)	3,906,800	798,400	3,108,400	1,894,100	2,012,700
Average length of hospital stay (days)	4	4	4	4	4
Number of ED visits	45	14	31	23	22
Standard rate of ED visits (per 100,000)	71	106	60	84	60
Median age of ED patients	68	63	78	63	73
Total cost of ED visits (\$)	125,500	42,100	83,400	60,200	65,300
Number of deaths*	30	11	19	12	18
Standard death rate (per 100,000)*	50	96	40	52	45

CHRONIC OBSTRUCTIVE PULMONARY DISEASE	County				
	Total	Blacks	Whites	Males	Females
Number of hospitalizations	265	78	187	119	146
Standard rate of hospitalizations (per 100,000)	416	529	364	450	422
Median age of hospitalized patients	58	28	63	58	58
Total cost of hospitalization (\$)	5,170,000	1,280,000	3,890,000	2,901,500	2,268,500
Average length of hospital stay (days)	5	3	5	5	4
Number of ED visits	549	257	292	230	319
Standard rate of ED visits (per 100,000)	886	1,461	647	753	1,020
Median age of ED patients	38	33	43	33	38
Total cost of ED visits (\$)	568,200	237,200	331,000	253,400	314,800
Number of deaths*	27	5	22	15	12
Standard death rate (per 100,000)*	45	49	44	74	32

DIABETES	County				
	Total	Blacks	Whites	Males	Females
Prevalence (%)	9.54	.	.	.	.
Number of hospitalizations	149	61	88	53	96
Standard rate of hospitalizations (per 100,000)	234	407	181	184	283
Median age of hospitalized patients	63	63	55	58	63
Total cost of hospitalization (\$)	2,188,200	1,020,800	1,167,400	948,900	1,239,300
Average length of hospital stay (days)	5	6	4	5	5
Number of ED visits	113	58	55	61	52
Standard rate of ED visits (per 100,000)	180	361	119	204	157
Median age of ED patients	53	53	40	45	58
Total cost of ED visits (\$)	137,900	63,200	74,700	79,200	58,700
Number of deaths*	11	2	9	6	3
Standard death rate (per 100,000)*	18	16	18	27	10

ALL CANCERS	County				
	Total	Blacks	Whites	Males	Females
Number of hospitalizations	241	82	159	74	167
Standard rate of hospitalizations (per 100,000)	378	596	317	266	490
Median age of hospitalized patients	63	53	63	63	58
Total cost of hospitalization (\$)	7,757,400	2,004,700	5,752,700	2,487,600	5,269,800
Average length of hospital stay (days)	6	5	7	7	6
Number of deaths*	141	34	107	86	55
Standard death rate (per 100,000)*	225	305	211	339	150

COLORECTAL CANCER	County				
	Total	Blacks	Whites	Males	Females
Number of hospitalizations	23	6	17	9	14
Standard rate of hospitalizations (per 100,000)	35	50	32	38	38
Median age of hospitalized patients	68	70	68	68	70
Total cost of hospitalization (\$)	1,999,100	216,800	1,782,300	416,300	1,582,800
Average length of hospital stay (days)	12	7	13	8	14
Number of deaths*	10	5	5	6	4
Standard death rate (per 100,000)*	16	39	10	26	11

BREAST CANCER	County				
	Total	Blacks	Whites	Males	Females
Number of hospitalizations	17	4	13	.	17
Standard rate of hospitalizations (per 100,000)	26	34	25	.	48
Median age of hospitalized patients	63	65	63	.	63
Total cost of hospitalization (\$)	272,000	65,500	206,500	.	272,000
Average length of hospital stay (days)	2	2	2	.	2
Number of deaths*	9	3	6	1	8
Standard death rate (per 100,000)*	15	21	12	4	22

CERVICAL CANCER	County				
	Total	Blacks	Whites	Males	Females
Number of hospitalizations	.	.	.	.	.
Standard rate of hospitalizations (per 100,000)	5	10	4	.	9
Median age of hospitalized patients	48	73	45	.	48
Total cost of hospitalization (\$)	42,000	10,500	31,500	.	42,000
Average length of hospital stay (days)	4	3	4	.	2
Number of deaths*	1	1	-	2	3
Standard death rate (per 100,000)*	10	2	-	5	-

LUNG CANCER	County				
	Total	Blacks	Whites	Males	Females
Number of hospitalizations	24	8	16	15	9
Standard rate of hospitalizations (per 100,000)	38	75	32	55	26
Median age of hospitalized patients	68	78	63	68	73
Total cost of hospitalization (\$)	908,300	192,600	715,700	534,000	374,300
Average length of hospital stay (days)	9	4	11	6	14
Number of deaths*	47	9	38	32	15
Standard death rate (per 100,000)*	73	79	72	125	42

PROSTATE CANCER	County				
	Total	Blacks	Whites	Males	Females
Number of hospitalizations	.	.	.	.	.
Standard rate of hospitalizations (per 100,000)	13	37	7	27	.
Median age of hospitalized patients	63	63	65	63	.
Total cost of hospitalization (\$)	208,700	135,700	73,000	208,700	.
Average length of hospital stay (days)	4	5	4	4	.
Number of deaths*	7	4	3	7	.
Standard death rate (per 100,000)*	12	42	6	31	.

*Mortality data were provided by Division of Biostatistics, Office of Public Health Statistics and Information Systems, DHEC codes.

For more information about

Chronic diseases in South Carolina contact:

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Hospital discharges and ED visits, contact

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SC Budget and Control Board

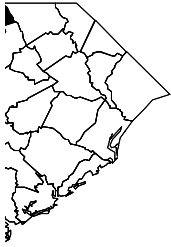
1919 Blanding Street

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53
5,902,800
366
9

State
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66
63
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State
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State
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State
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630
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State
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State
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State
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24,726,200
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